

# INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/005347

## A CLASSIFICATION OF SUBJECT MATTER

H01M8/06

H01M8/10

H01M8/04

C25B15/08

C25B15/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

HOIM C25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical, search terms used)

EPO-Internal , PAJ, WPI Data

## C DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
X	US 3 492 163 A (RICHARD M. HILMER) 27 January 1970 (1970-01-27) column 3, line 72 - column 4, line 6 column 4, lines 20-22, 44-48 column 5, line 14 - column 6, line 18	1-9, 12-14
Y		10, 11
X	US 3 370 984 A (PLATNER JOHN L) 27 February 1968 (1968-02-27) column 3, lines 21-25 column 5, lines 67-69 column 6, lines 54-58	1-9, 12-14
X	US 3 748 179 A (BUSHNELL C, US) 24 July 1973 (1973-07-24) column 2, lines 30-42 column 4, lines 1-24	1, 6, 8, 9, 12

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### Special categories of cited documents

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 February 2006

Date of mailing of the international search report

20/02/2006

Name and mailing address of the ISA

European Patent Office P B 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040 Tx 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

GONZALEZ-CUENCA, M

# INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/005347

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category "	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	WO 03/023890 A (ITM POWER LTD; HIGHGATE, DONALD, JAMES) 20 March 2003 (2003-03-20) claims 7,11,14 -----	10,11
A	US 3 992 223 A (GUTBIER ET AL) 16 November 1976 (1976-11-16) claims 1-17 -----	1-14
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 002 (E-868), 8 January 1990 (1990-01-08) & JP 01 251560 A (FUJI ELECTRIC CO LTD), 6 October 1989 (1989-10-06) abstract -----	1-14

## INTERNATIONAL SEARCH REPORT

International Application No  
GB2004/005347

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3492163	A	27-01-1970	GB 1140295 A	15-01-1969
us 3370984	A	27-02-1968	DE 1471750 AI GB 10206 07 A	13-02-1969 23-02-1966
US 3748179	A	24-07-1973	AR 1949 43 AI CA 968S44 AI DE 2210673 AI FR 21301 54 A5 JP 570596 30 B SE 378326 B	30-08-1973 03-06-1975 28-09-1972 03-11-1972 15-12-1982 25-08-1975
WO 03023890	A	20-03-2003	AT 313858 T CA 2459340 AI CN 1565066 A EP 1428284 A2 GB 2380055 A JP 2005502990 T MX PA0400216 1 A US 2003113603 AI	15-01--2006 20-03--2003 12-01--2005 16-06--2004 26-03--2003 27-01--2005 29-06--2004 19-06--2003
US 3992223	A	16-11-1976	NONE	
JP 01251560	A	06-10-1989	NONE	